

FIG. 1

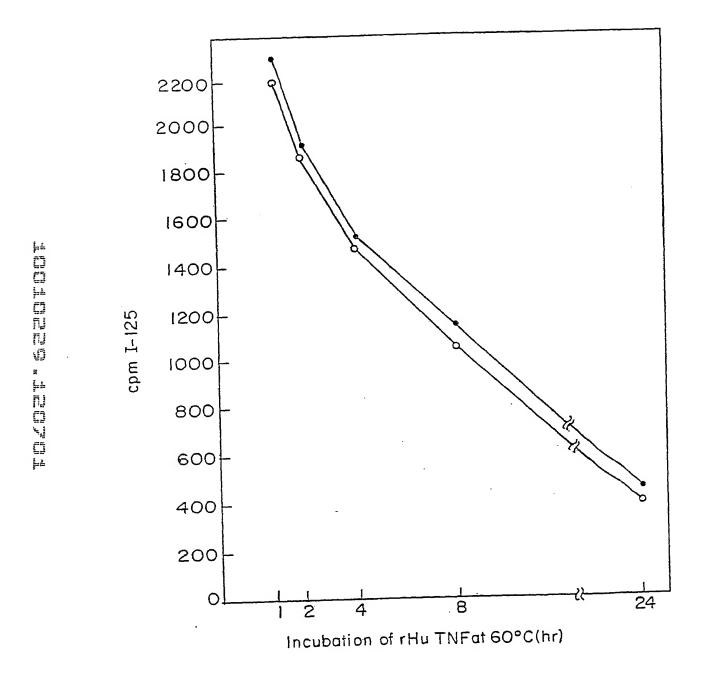
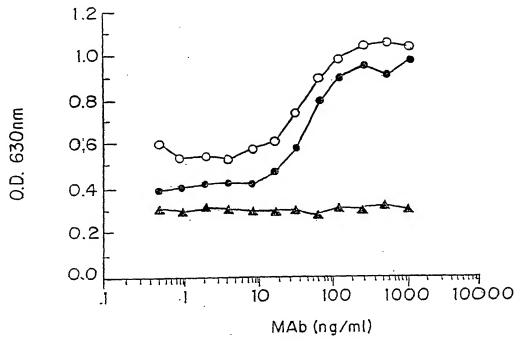


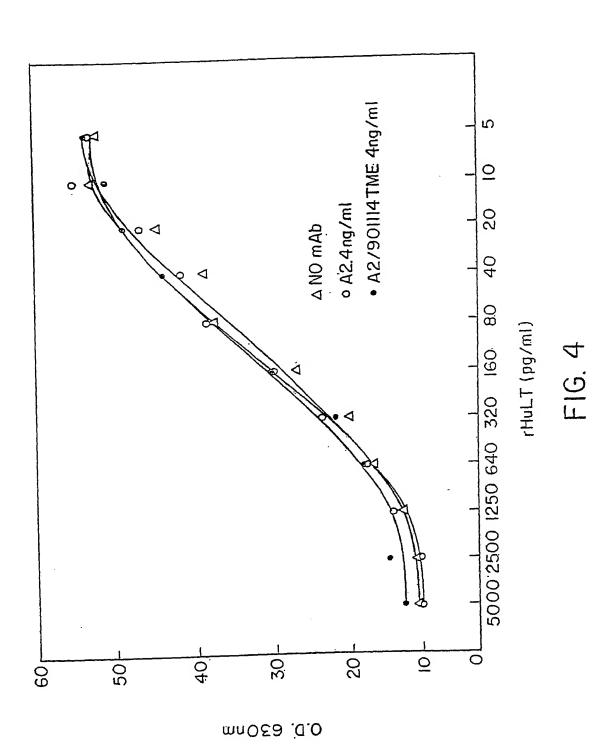
FIG. 2

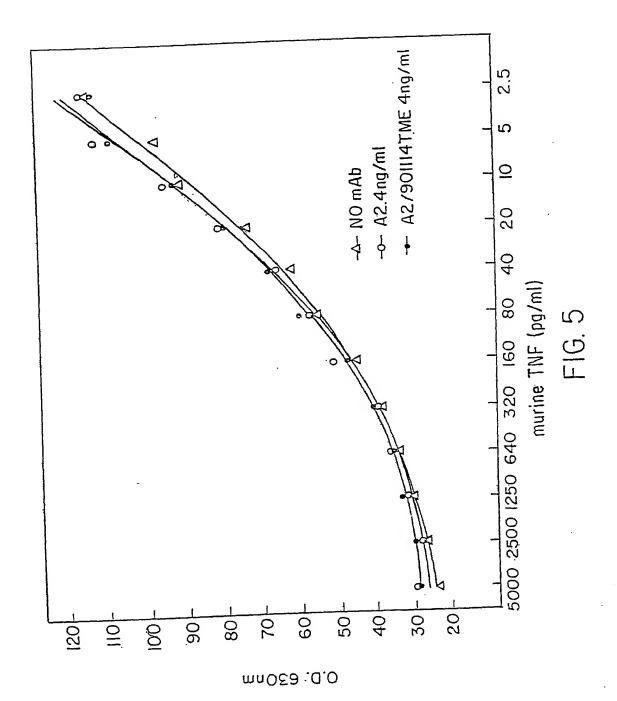


- Natural Human TNF
- Recombinant Human TNF
- Control

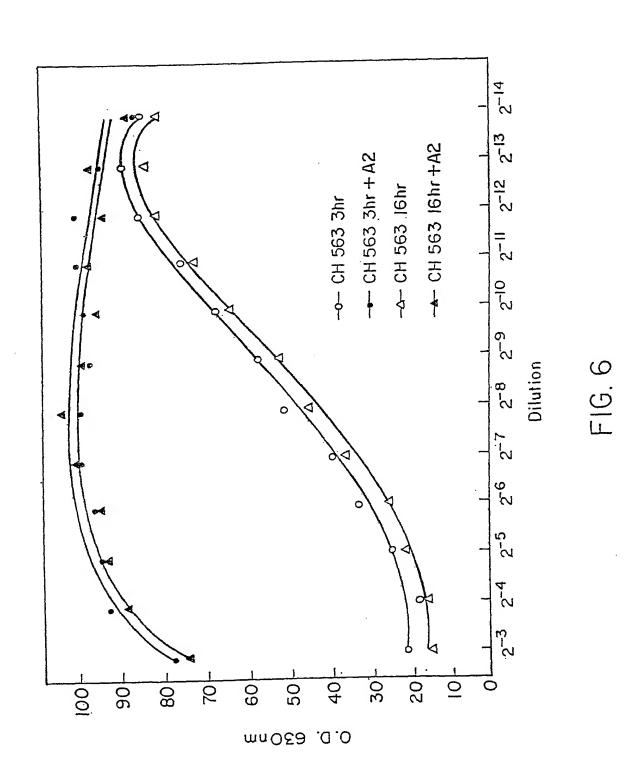
FIG. 3

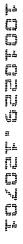


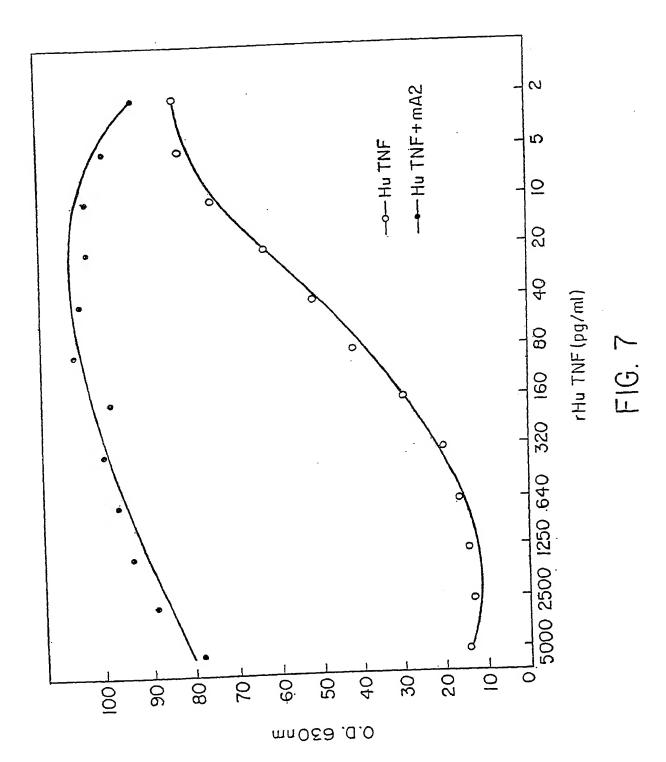




Inventors: Junming Le, et al.







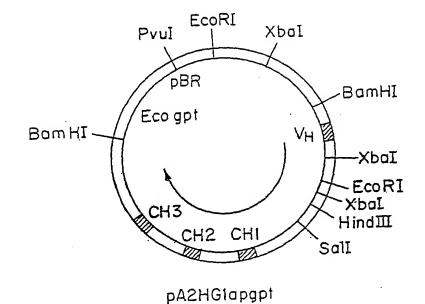


FIG. 8A

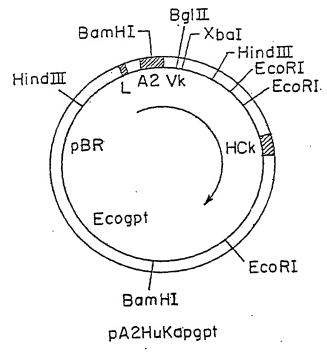


FIG. 8B

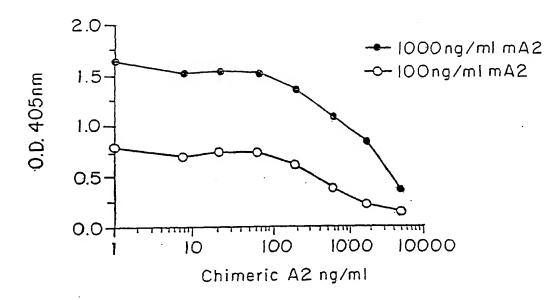


FIG. 9A

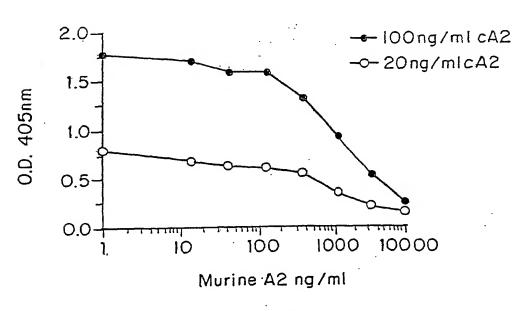


FIG. 9B

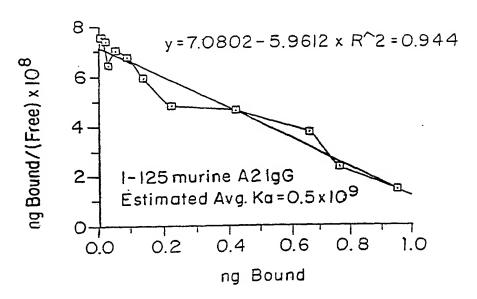


FIG. 10A

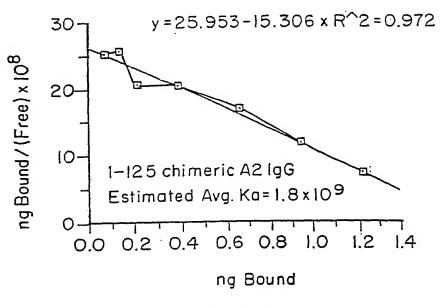


FIG. 10B



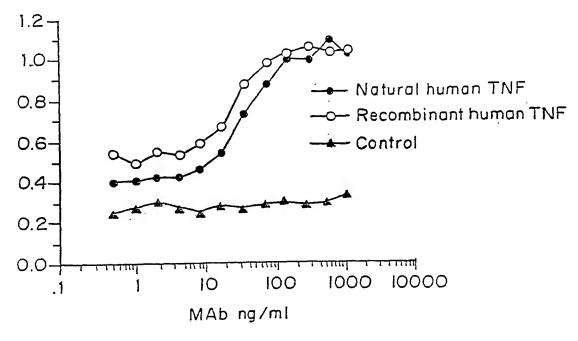


FIG. 11

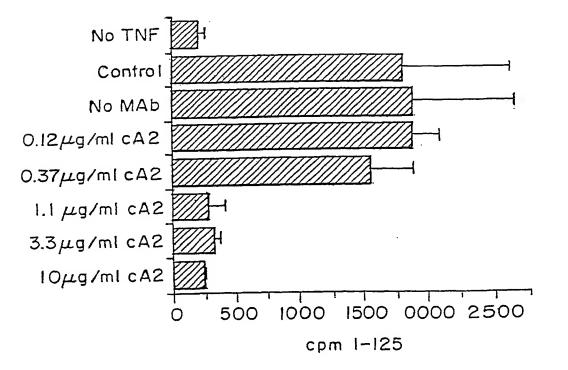


FIG. 12

Docket No.: 0975.1005-014

Title: METHODS OF TREATING MYELODYSPLAS

Inventors: Junming Le, et al.

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**L**4

Asp Len IlePro Pro GlySer Pro  ${
m Tyr}$ Asn Ser Ala Asn TYr $\operatorname{Thr}$ Arg  $_{\rm Ile}$ Ile His Lys Ala Asn Ile Glu Gly Leu Tyr Leu  $\operatorname{Thr}$ Glu Pro Ala Leu Leu Val Ile Ala Leu Leu Val Glu TyxSer His Leu Ala Trp Vál Ala Ala Asn His Leu Ser Pro Pro Val LysAsn Leu Arg Ser  $\operatorname{Thr}$ Ala Arg Lys Pro Val Arg Ser 110 Glu Asp Asp 90Lys 150 Val 130 Asn Pro 50 Val 30 Ser Ala  $_{\rm G1y}$ Cys Thr Len Val Trp Gln Pro Glu Gly Lys Pro GlyGln Leu Glu Gln  $\operatorname{Thr}$ Gln Leu Arg GlySer Glu Leu Glu Leu Arg Asp Asn  $_{
m Gln}$  $\operatorname{Thr}$ Lys Ser Val GluPhe Phe Ala Glγ Ser Arg Glu Leu I1eSer Val Gln ı Val Arg Gly Arg Val Ser Cys Gly 141 Tyr Gln Gln 41 Val 101 121 19 81

13

Leu

Ala

Ile Ile

Gly

Phe

Tyr

Gln

G1y

Ser

Glu

Ala

Phe

Asp

Leu

Docket No.: 0975.1005-014

Title: METHODS OF TREATING MYELODYSPLASTIC ..

Inventors: Junming Le, et al.

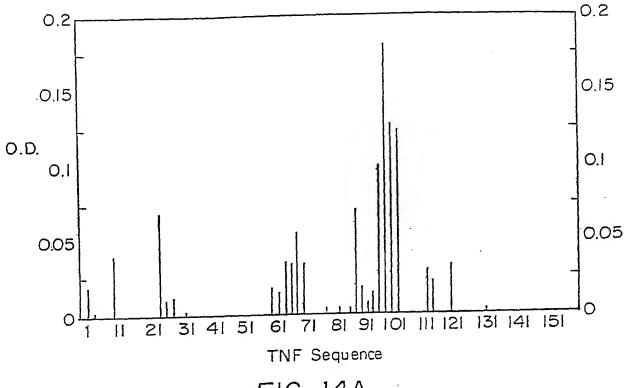


FIG. 14A

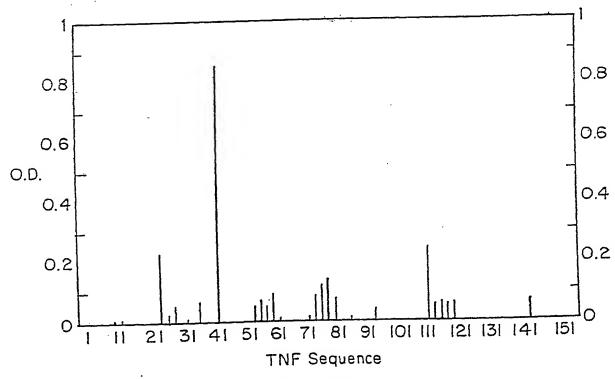


FIG. 14B

Docket No.: 0975.1005-014

Title: METHODS OF TREATING MYELODYSPLASTIC ..

Inventors: Junming Le, et al.

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Ala Asn Pro Val Val His Lys Pro Val Ala Asp 10 Ser Arg Thr.Pro Ser Ser Ser Arg 1 Val

30 Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Gln Ala

GlyPro Val 20 Val Glu Leu Arg Asp Asn Gln Leu Val

Ser Ile Tyr  $\operatorname{Thr}$ Ile His Glu Gly Leu Tyr Leu Thr His Val Leu Leu Thr Ser Ser Pro 70 CysGly Gln GlyLys Phe Leu Val 61 Gln

81

Pro Ser Lys Pro Trp Tyr Glu Pro Ile Ile Ala 90 Lys Val Asn Leu Leu Ser Lys Ala Glu 110 Tyr Gln Thr Ala GlyGln Arg Glu Thr Pro Glu Ser Val Ala Ile Arg Ser Cys 101

Tyr Leu

Ile Asn Arg Pro Asp Glu Ala Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser 130 Gly Val Gly121

Tyr Phe Gly Ile Ile Ala Leu Val 150 Gln Gly Ser Glu Phe Ala Leu Asp

15 FIG.

Title: METHODS OF TREATING MYELODYSPLASTIC

AspileLeuLeuThrGlnSerProAlaIleLeuSerValSerProGlyGluArgValSer GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTGTGAGTCCAGGAGAAAGAGTCAGT

TTCTCCTGCAGGGCCAGTCAGTTCGTTGGCTCAAGCATCCACTGGTATCAGCAAAGAACA PheSerCysArgAlaSerGlnPheValGlySerSerIleHisTrpTyrGlnGlnArgThr <u> AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC</u> AsnGlySerProArgLeuLeuIleLysTyrAlaSerGluSerMetSerGlyIleProSer <u>AGGTTTAGTGGCAGTGGATCAGGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT</u>  ${\tt ArgPheSerGlySerGlyThrAspPheThrLeuSerIleAsnThrValGluSer}$ 

GAAGATATTGCAGATTATTACTGTCAAGAAGTCATAGCTGGCCATTCACGTTCGGCTCG  ${\tt GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTrpProPheThrPheGlySer}$ 

GGGACAATTTGGAAGTAAAA GlyThrAsnLeuGluValLys FIG

GluValLysLeuGluGluSerGlyGlyGlyLeuValGlnProGlyGlySerMetLysLeu GAAGTGAAGCTTGAGGAGTCTGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTC

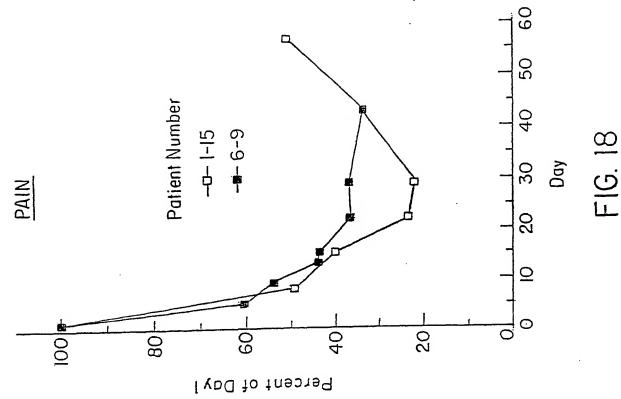
SerCysValAlaSerGlyPheIlePheSerAsnHisTrpMetAsnTrpValArgGlnSer TCCTGTGTTTGCCTCTGGATTCATTTTCAGTAACCACTGGATGAACTGGGTCCGCCAGTCT

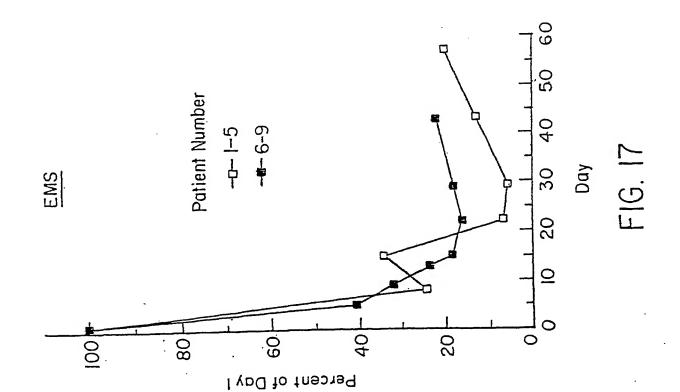
CCAGAGAAGGGGCTTGAGTTGCTTGAAATTAGATCAAAATCTATTAATTCTGCAACA ProGluLysGlyLeuGluTrpValAlaGluIleArgSerLysSerIleAsnSerAlaThr CATTATGCGGAGTCTGTGAAAGGGAGGTTCACCATCTCAAGAGAGATGATTCCAAAAGTGCT HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspAspSerLysSerAla

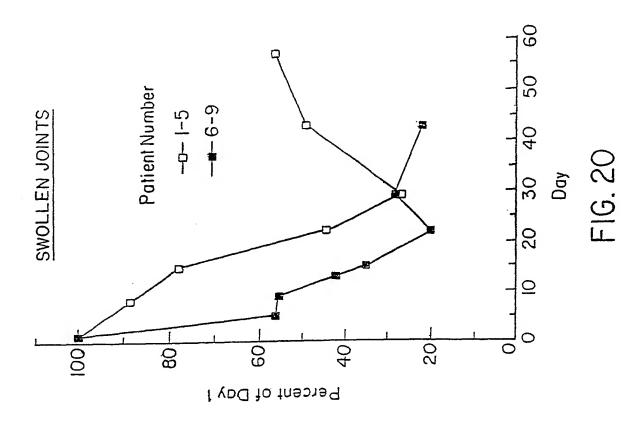
GTGTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTGTTCCAGG ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrCysSerArg

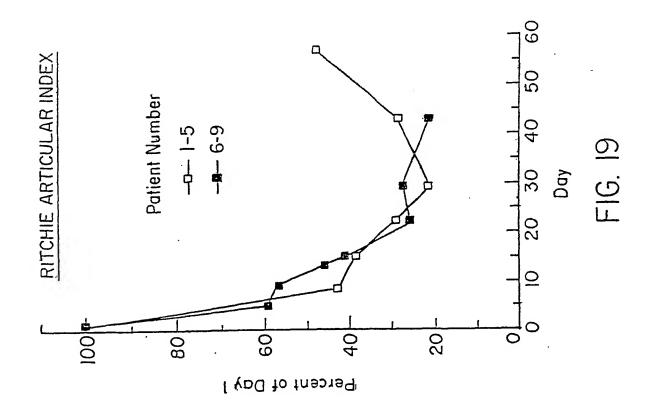
AATTACTACGGTAGTACCTACGACTACTGGGGCCCAAGGCACCACTCTCACAGTGTCC AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer

FIG. 16B

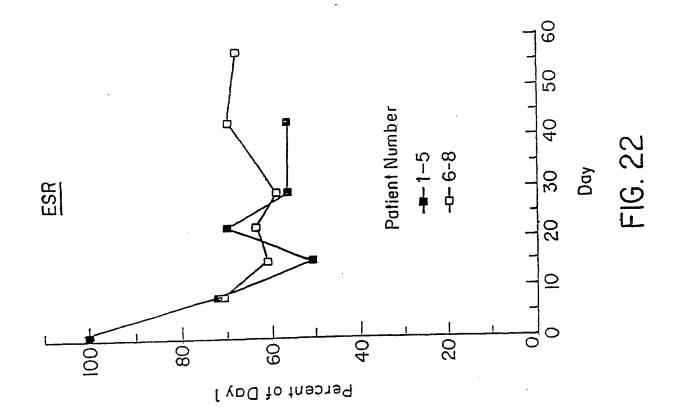


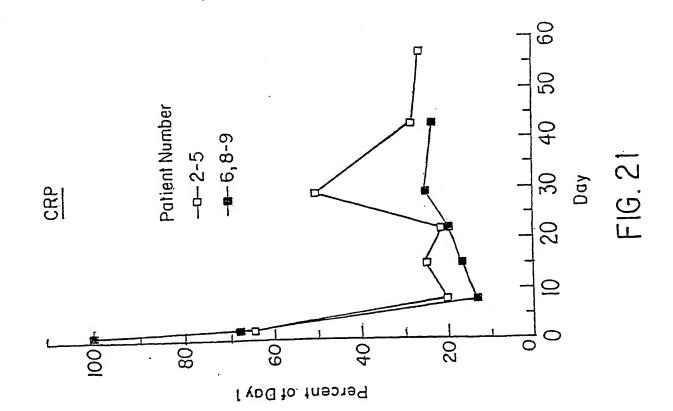






Docket No.: 0975.1005-014
Title: METHODS OF TREATING MYELODYSPLASTIC ...
ventors: Junming Le, et al.





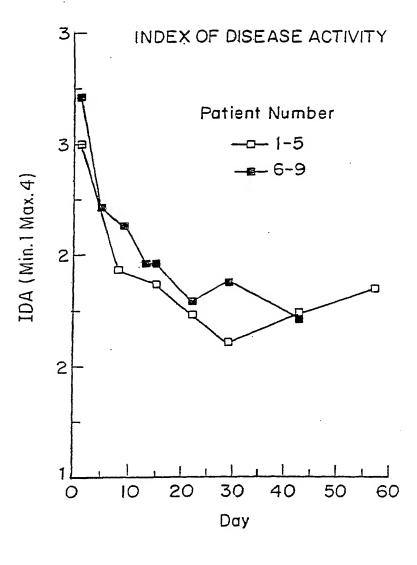
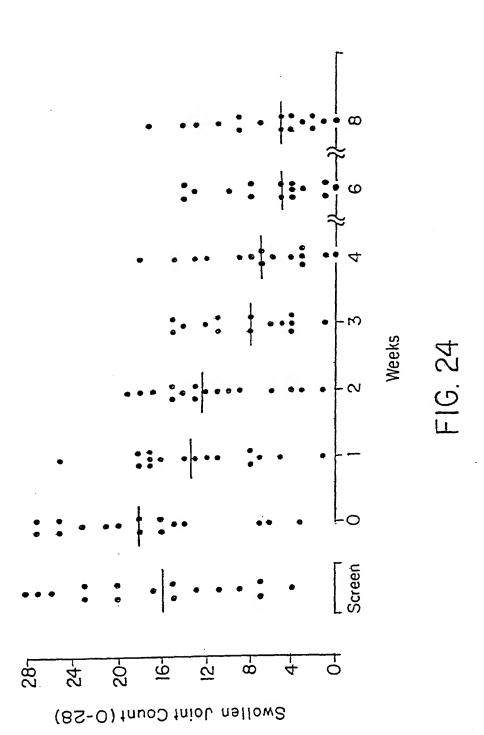
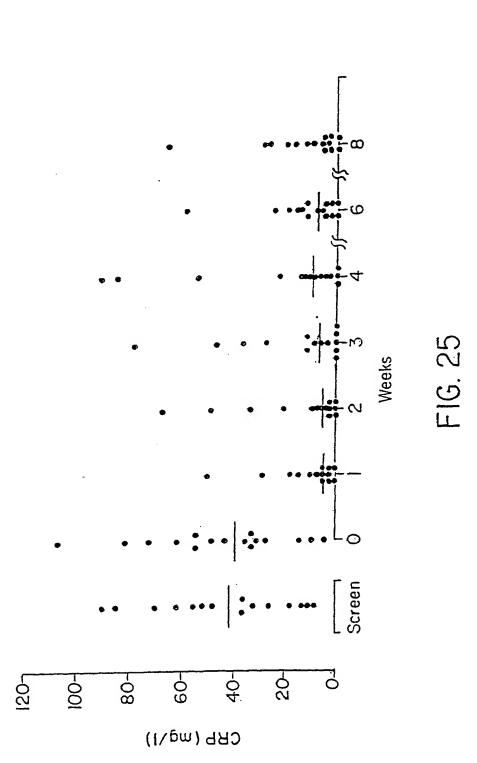
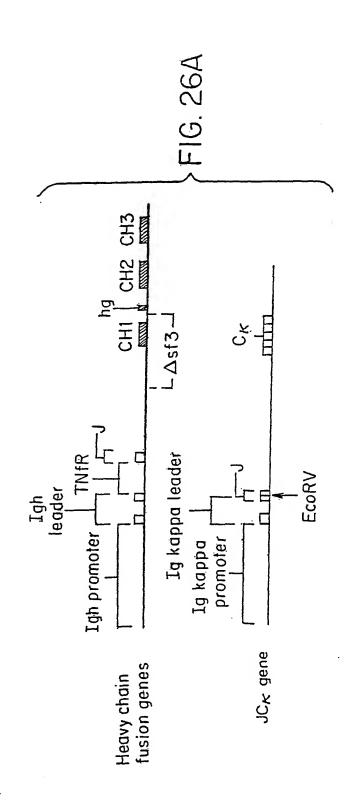


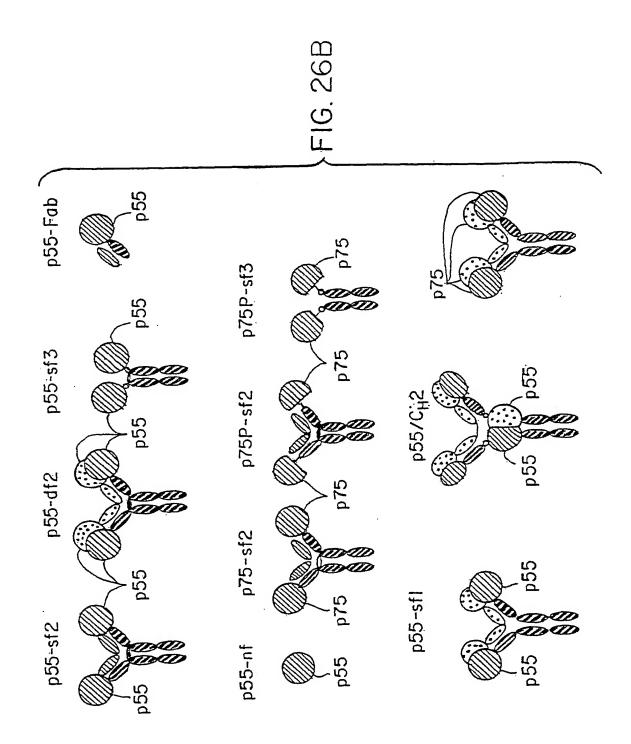
FIG. 23

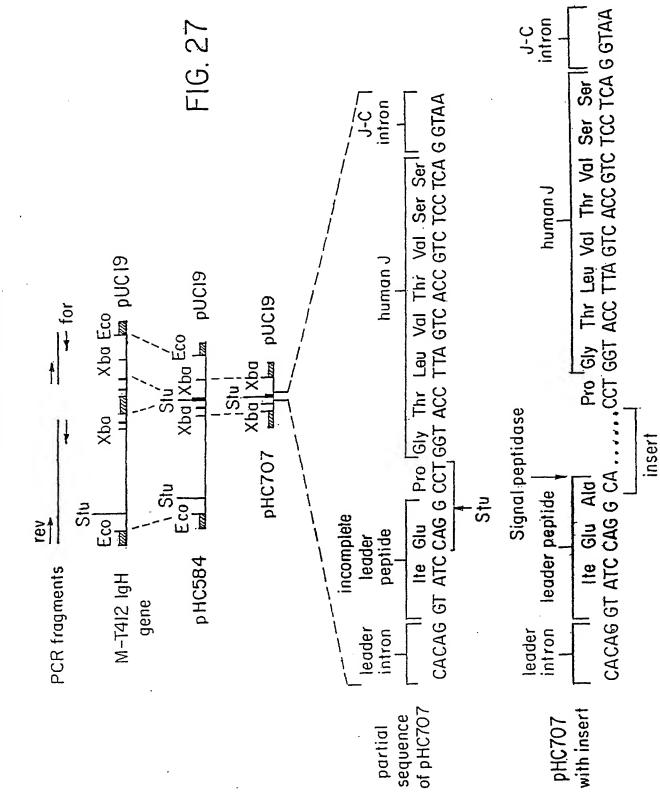


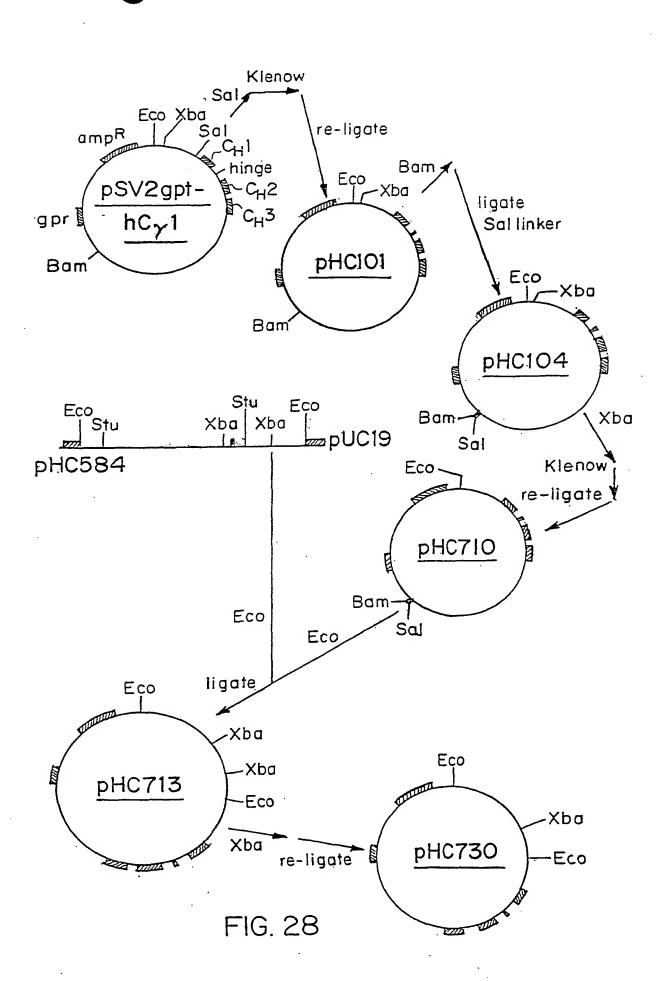
Docket No.. 09/5.1005-014
Title: METHODS OF TREATING MYELODYSPLASTIC ..
ventors: Junming Le, et al.

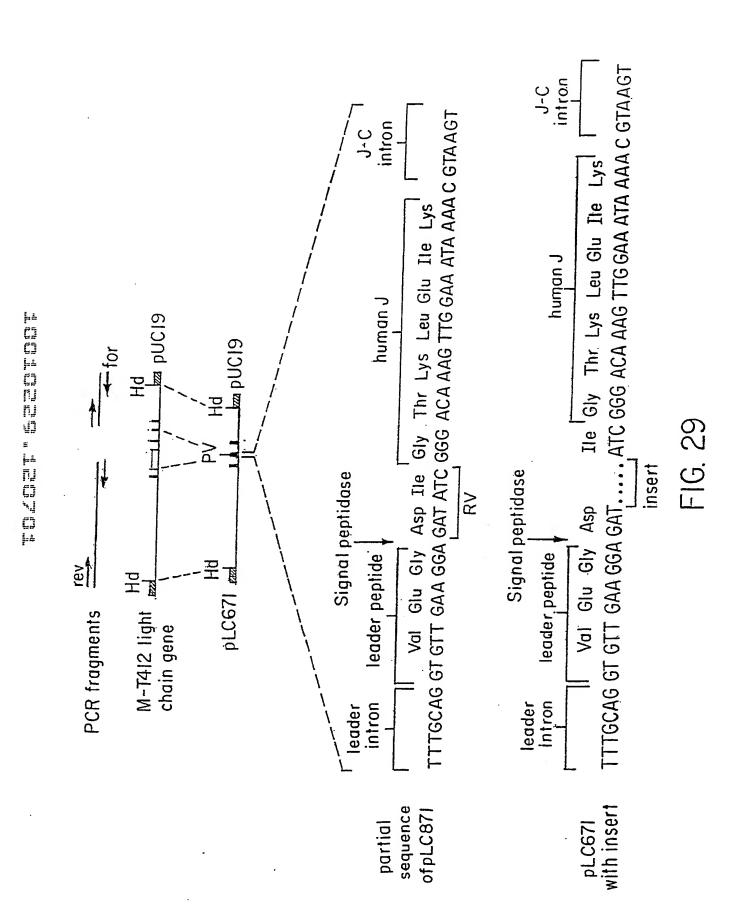












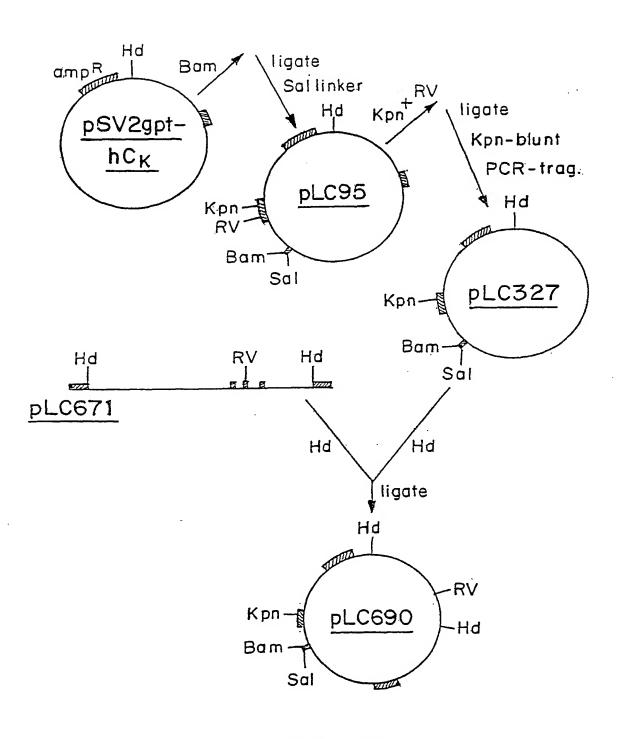


FIG. 30

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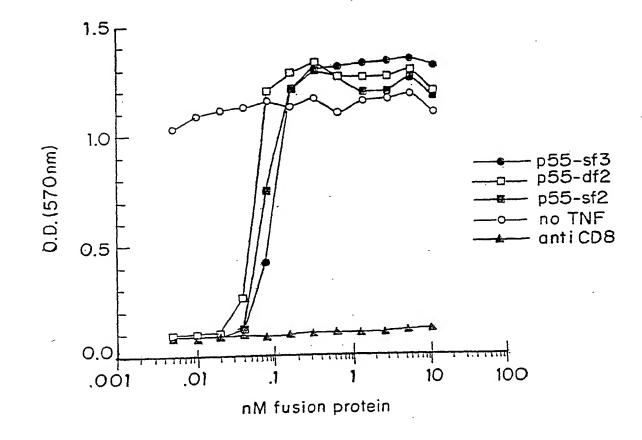


FIG. 31A

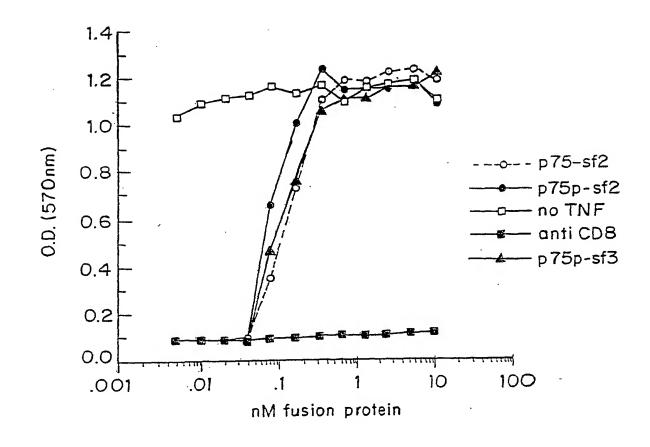
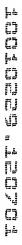


FIG. 31B



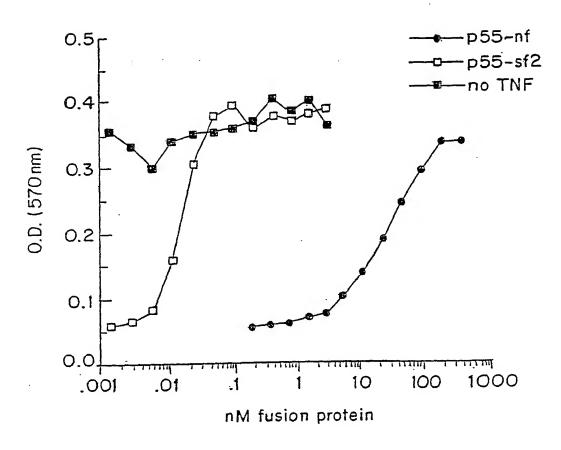


FIG. 31C

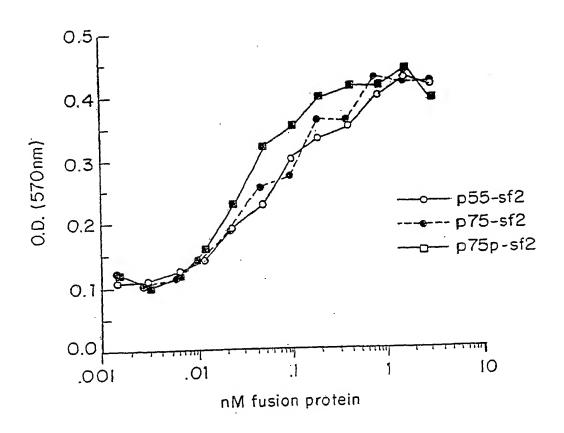


FIG. 32



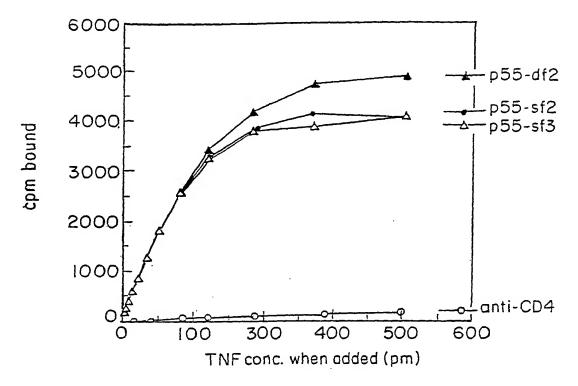


FIG. 33A

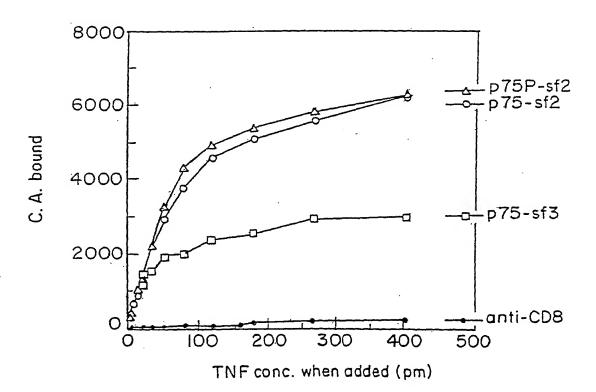
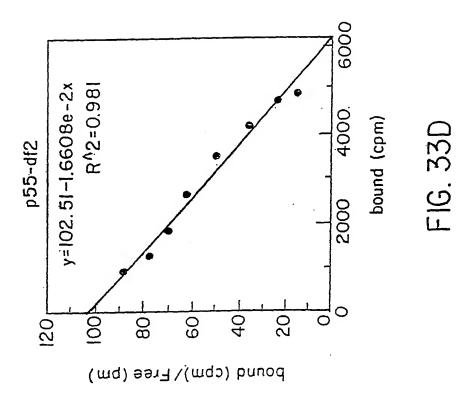
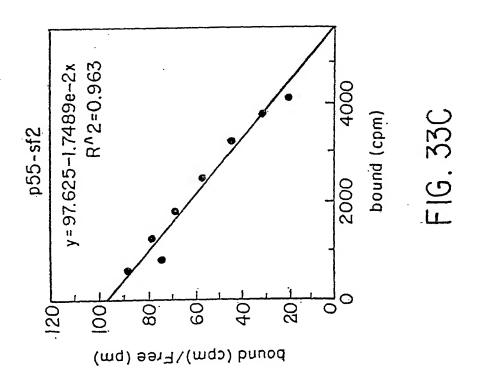
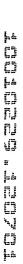
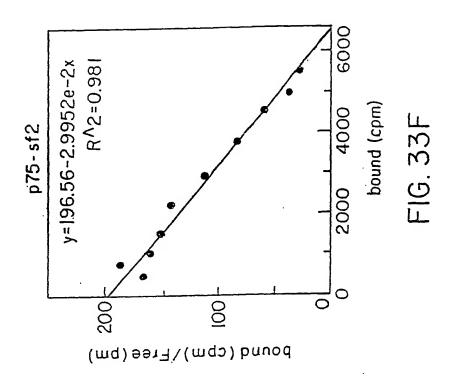


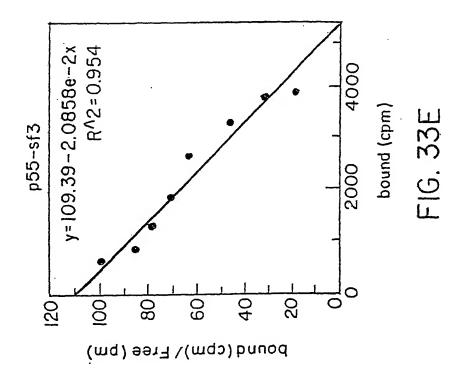
FIG. 33B



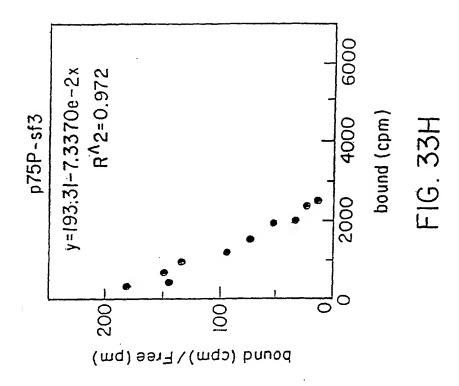


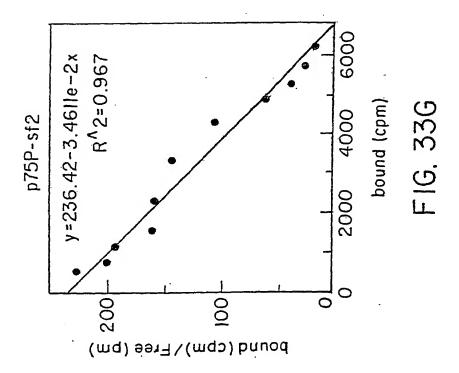




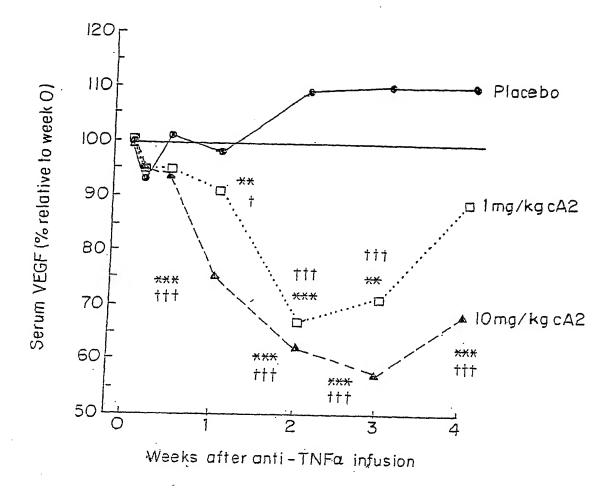












\* p  $\leq$  0.05, \*\* p  $\leq$  0.01, \*\*\* p  $\leq$  0.001 versus pre-infusion † p  $\leq$  0.05, † † p  $\leq$  0.01, † † † p  $\leq$  0.001 versus change in placebo group

FIG. 34